

Claims

[c1] 1.A JSP server having a servlet residing on the server, the servlet comprising:
a configuration service comprising a configuration file, the configuration file comprising a list of details of an action;
an action manager mapping the action onto at least one request handler and at least one flow handler, the action manager being programmed to communicate with the configuration service, retrieve the configuration file and provide the configuration file to the servlet;
a request manager programmed to read the request handler information; and a screen flow manager programmed to read the flow handler information and to communicate the flow handler information to the servlet.

[c2] 2.The server of Claim 1, wherein the flow handler information is an identification of a screen to be displayed to a user.

[c3] 3.A server architecture comprising a server having a servlet programmed to invoke a request handler and a flow handler in response to an action initiated by a user, a request handler interface communicating with the servlet and a flow handler interface communicating with the servlet.

[c4] 4.The server architecture of Claim 3, wherein the server is a JSP server.

[c5] 5. A method of generating and displaying a dynamically built web page to a user in response to a user's request, the method comprising:
providing a web server having a servlet;
receiving the user's request at the server and compiling a parameter list specifying
an action corresponding to the request;
transmitting the parameter list to the servlet, the servlet determining whether a request handler needs to be invoked to process the action;
delegating further processing of the request from the servlet to the request handler if it needs to be invoked, or a flow handler;
using the flow handler to generate the dynamically built web page and display it to the user.

- [c6] 6. The method of Claim 5, further comprising delegating further processing to the flow handler when no request handler needs to be invoked.
- [c7] 7. The method of Claim 5, further comprising a screen flow manager reading the flow handler and returning a screen id to the servlet.
- [c8] 8. The method of Claim 7, further comprising converting the screen id into a string format of the dynamically built web page.
- [c9] 9. A method of processing a user's request by a server having a servlet, the method comprising:
 - receiving information related to the user's request from multiple web browser windows by the servlet;
 - processing the information by the servlet and passing the information to one or more handlers;
 - initiating communication between one or more handlers and an enterprise java bean, the communication based on the information passed by the server;
 - receiving a response from the enterprise java bean and passing the response to the servlet, the servlet using the response to complete the user's request.
- [c10] 10. The method of Claim 9, wherein one or more handlers comprise a request handler and a flow handler.